

Notes for the 2022 Spring round of ground water sampling Monitor Wells 3 (upgradient) & 6 (downgradient)

Date & time: Monday morning April 18, 2022 Effort began 8:45 AM; Effort concluded 11:00 AM

Weather: High clouds, light winds.

Tide information: Low-low tide event for the month of April (Geiger Northwest tables)
High 2:35 AM 19.0ft; 3:20 PM 16.6ft; Low 8:59 AM -3.3ft; 9:08 PM 1.0ft;

Equipment used: Geotech Series II peristaltic pump, YSI EcoSense pH100A pH/temperature probe

Personnel: Paul Berry, Ian Barrier

Monitor Well 6

Time AM	pH	Temp C

Well too dry. Only able to pump 8oz water before drawing sand.

Odor:

Visibility:

Sample time:

Water height

- before sampling: 102.25"
- after sampling:
- depth of well: 108"

Purging: 0 gallons

Monitor Well 3

Time AM	pH	Temp C
10:19	7.44	4.1

Odor: None

Visibility: clear

Sample time: 10:19 AM

Water height

- before sampling: 73"
- after sampling: 78.75
- depth of well: 101"

Purging: Purging volume was calculated and did occur but the volume of water that was purged was not recorded.

Depth to groundwater Monitor well 4: 98"
Total depth Monitor well 4: not measured

Depth to groundwater Monitor well 1: 113.5"
Total depth Monitor well 1: 117"

Weather data from <https://www.weather.gov/wrh/Climate?wfo=ajk>

Station Location: GUSTAVUS 2 NE (25380)

GUSTAVUS, AK

Lat. 58.429 Lon. -135.69

Elevation(Ground): 20 ft. above sea level

Precipitation:

Date	Inches
4-11-2022	0
4-12-2022	0
4-13-2022	0
4-14-2022	0
4-15-2022	0
4-16-2022	0
4-17-2022	0